

Appl. No. 10/710,366  
Amdt. dated July 26, 2005  
Reply to Office action of May 17, 2005

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

- 1 (currently amended): A method of routing data between IP-based telephone extensions  
5 in a telecommunications network, the method comprising:  
~~the telecommunications network comprising:~~  
providing a first remote telephone group containing a first set of IP-based  
telephones and a second remote telephone group containing a second set of  
IP-based telephones, the first and second remote telephone groups being  
10 connected to the Internet through first and second IP sharing devices,  
respectively;  
~~a first Internet Protocol (IP) sharing device for sharing connection to a first IP~~  
~~address;~~  
~~a first remote telephone group containing a first set of IP-based telephones, the first~~  
15 ~~remote telephone group being connected to the Internet through the first IP~~  
~~sharing device, and each of the IP-based telephones in the first remote~~  
~~telephone groups being assigned a unique identifier;~~  
~~a second IP sharing device for sharing connection to a second IP address;~~  
~~a second remote telephone group containing a second set of IP-based telephones,~~  
20 ~~the second remote telephone group being connected to the Internet through the~~  
~~second IP sharing device, and each of the IP-based telephones in the second~~  
~~remote telephone groups being assigned a unique identifier;~~  
connecting a main host connected to the Internet for controlling data traffic over the  
Internet between the first remote telephone group and the second remote  
25 telephone group; and  
connecting a remote host connected to the Internet through the first IP sharing  
device for linking the first remote telephone group to the second remote  
telephone group and main host;  
~~the method comprising:~~